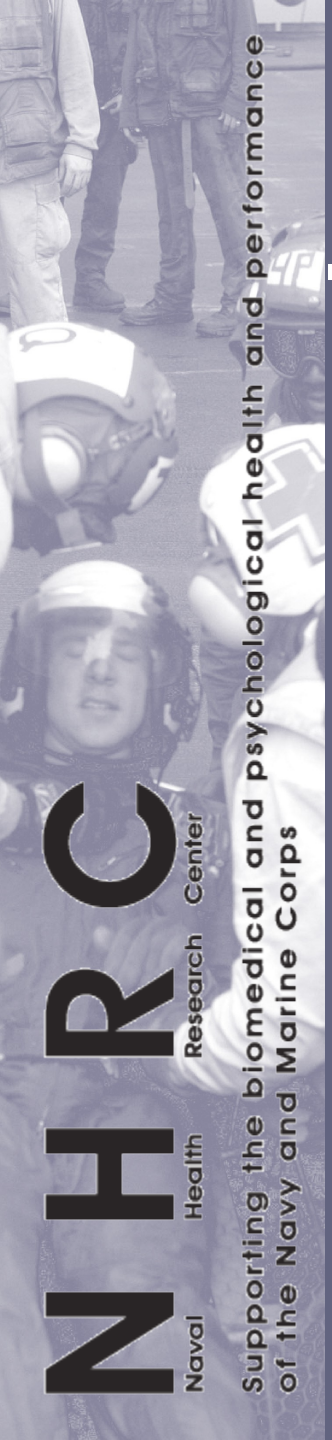
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Supporting the biomedical and psychological health and performance of the Navy and Marine Corps

Naval Health Research Center, San Diego

Research Programs

- Human Performance
- Medical Modeling and Simulation
- Field Medical Technologies
- Behavioral Science and Epidemiology
- DOD Center for Deployment Health
- DOD HIV/AIDS Prevention Program

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Major Naval and Marine Corps Facilities

N

MARINE CORPS BASE
CAMP PENDLETON

MARINE CORPS
AIR STATION,
MIRAMAR

Mission
Bay

MARINE CORPS
RECRUIT DEPOT

SPAWAR SYSTEMS CMD
& CENTER

NAVY
MEDICALCENTER
SAN DIEGO

NAVAL HEALTH
RESEARCH CENTER

COMNAVAIRPAC

COMNAVBASE, SAN DIEGO

NAS, NORTH ISLAND

COMNAVSURFPAC

NAVAL SUBMARINE BASE

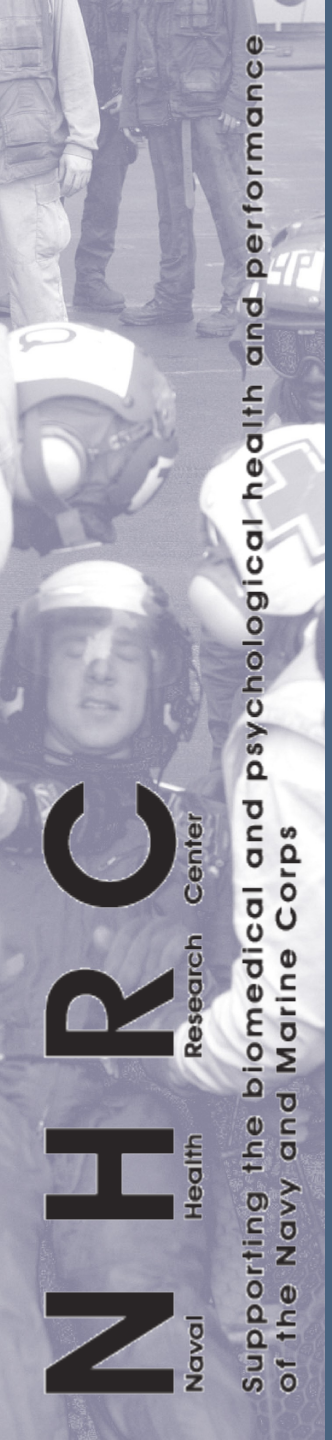
NAVAL STATION
SAN DIEGO

NAVAL AMPHIBIOUS
BASE, CORONADO

San Diego
Bay

Pacific
Ocean

COMNAVSPECWAR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Major Research Institutions

University of California – San Diego
VA Medical Center
Salk Institute for Biological Studies
Neurosciences Institute
Scripps Institute of Oceanography

N

Mission Bay

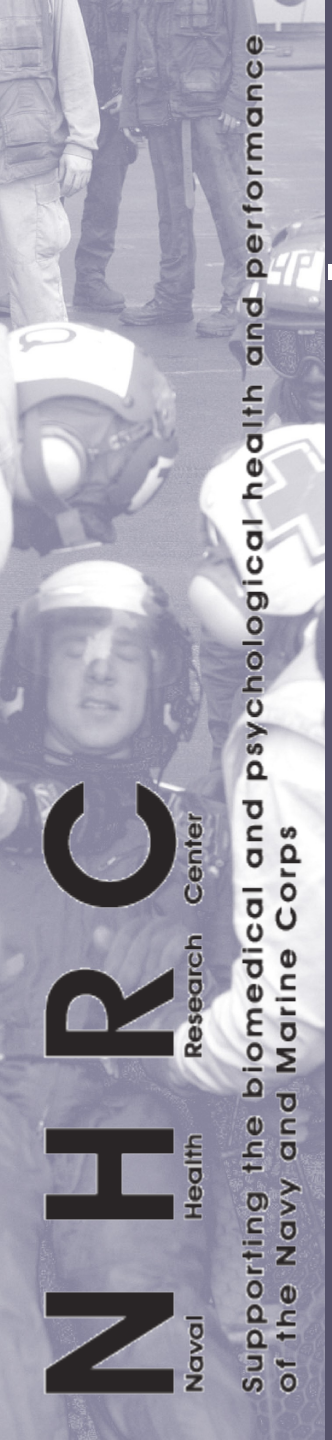
University of San Diego

NAVAL HEALTH RESEARCH CENTER

San Diego State University

Pacific Ocean

San Diego Bay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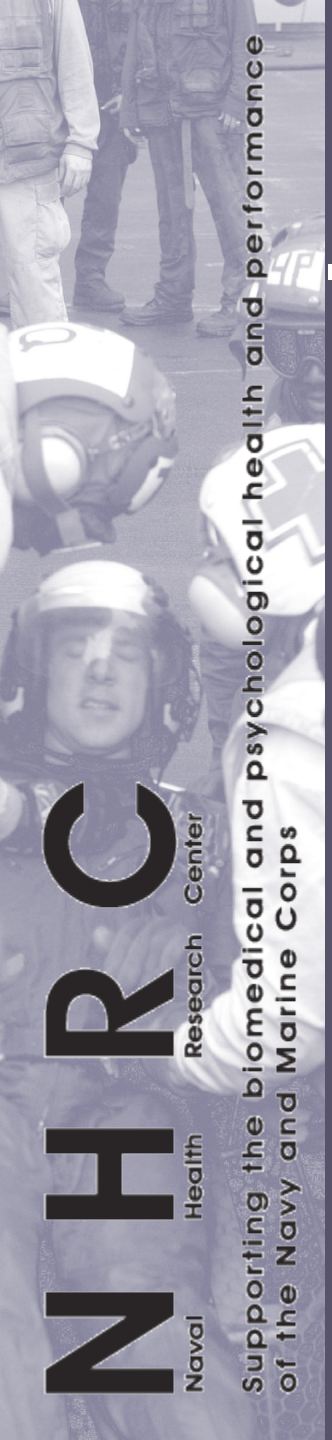
Human Performance

- Impact shock and musculoskeletal injuries in Special Warfare Combat Craft
- Effects of various extreme environments on immune function, including immunophenotype and respiratory disease susceptibility
- Studies of human performance and physiology in military environments, emphasizing performance enhancement (e.g., Acute Mountain Sickness prevention)
- Leaders in DoD studies on performance based physical fitness and in determining standards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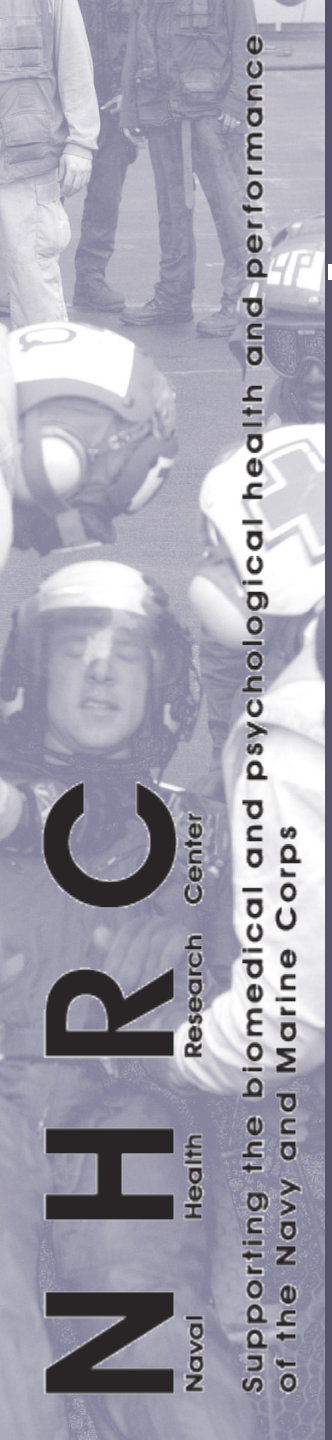
Medical Modeling and Simulation

- Refinement of casualty rate estimation methods
- Developed Estimating Supplies Program (ESP)
  - FRSS and En-route Care Package
- Developed Tactical Medical Logistics (TML+) planning tool for modeling operational risk
- Studies and analysis – Current Ops
- Development of the Marine Corps Combat Trauma Registry (CTR) with Army collaboration
- Operational Nursing Research Program
  - Developed self-diagnostic field kit for women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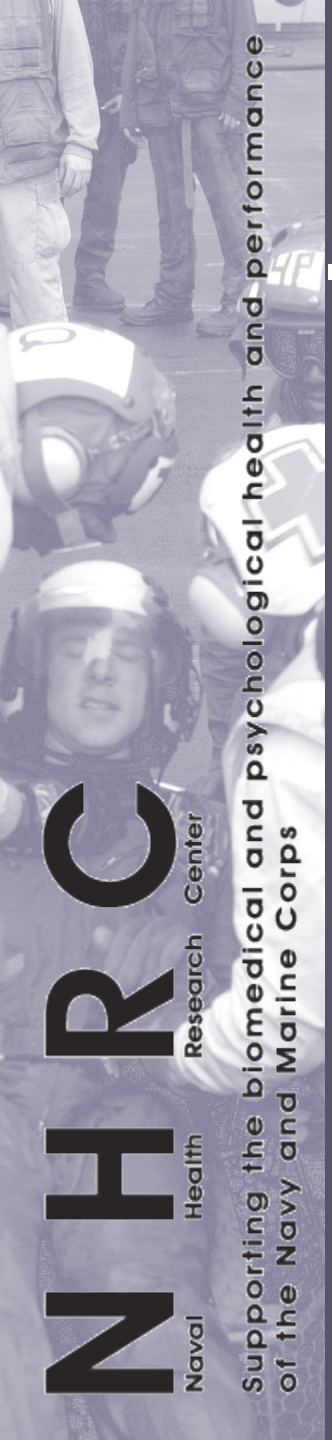
Field Medical Technologies

- Delivered MRRS to COMSURFPAC
- Integrated surveillance system for Terminal Fury ‘04
- Preparing to field test MIDDAS (SpecWar)
- Developing the data warehouse (NMIMC)
- Completed Field Medical Surveillance System
- Stood up NHRC test and integration lab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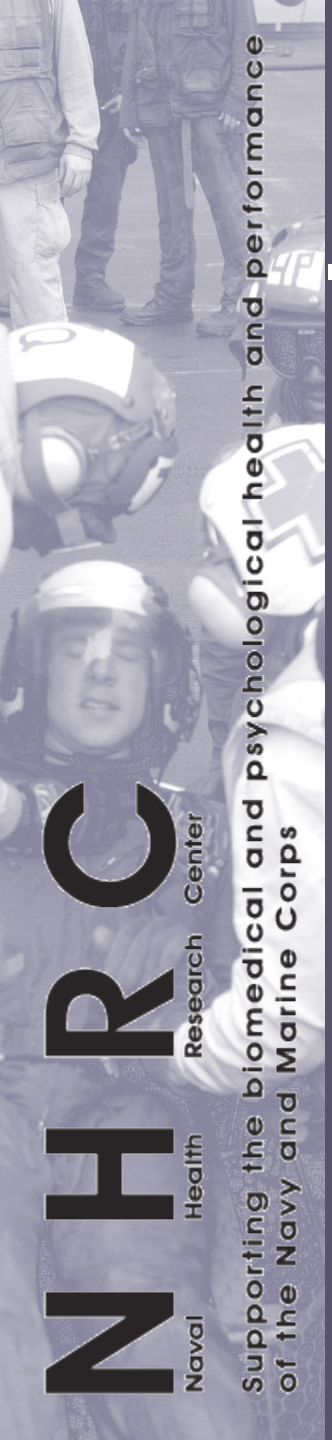
Behavioral Science and Epidemiology

- Successful development of recruit interventions to reduce musculoskeletal injuries
- Development of multi-media tobacco and alcohol reduction and safe-sex promotion materials for military
- Participants in USMC Drug Assessment and Intervention Programs
- Assisted BUMED and State of Nevada in Leukemia Investigation at Fallon NSAWC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DoD Center for Deployment Health Research

- Millennium Cohort – Critical health and exposure data ~ 75,000 participants enrolled to date
- DoD Birth and Infant Health Registry – Data on more than 90,000 births per year
- Emerging Infectious Disease Studies –
  - Ongoing Surveillance: Adenovirus, influenza, *Pneumococcus (Vaccine Trial)*
  - Respiratory Disease Surveillance expanding to "*at-sea*" platforms

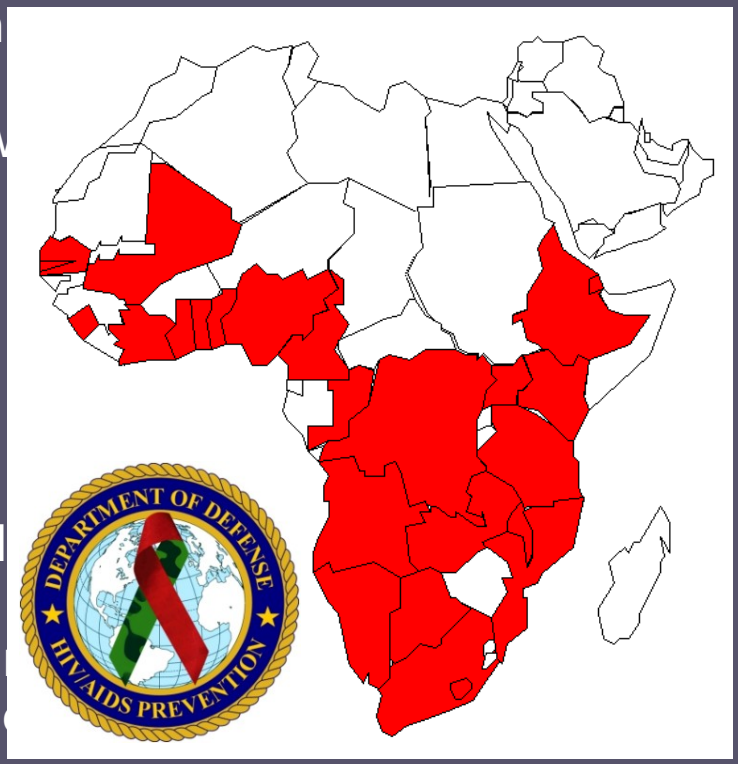
DoD HIV/AIDS PREVENTION PROGRAM

NHRC serves as the Lead Agent for the DoD HIV/AIDS Prevention Program

Three-Year Intervention program w
CENTCOM & EUCOM to support
foreign military personnel in 27
Sub-Saharan African Countries

Now directed to go global:
Expanding to Ukraine & Russia
PACOM: Vietnam, India & Thailand

Raising awareness, building milita
to military relationships around th
world



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